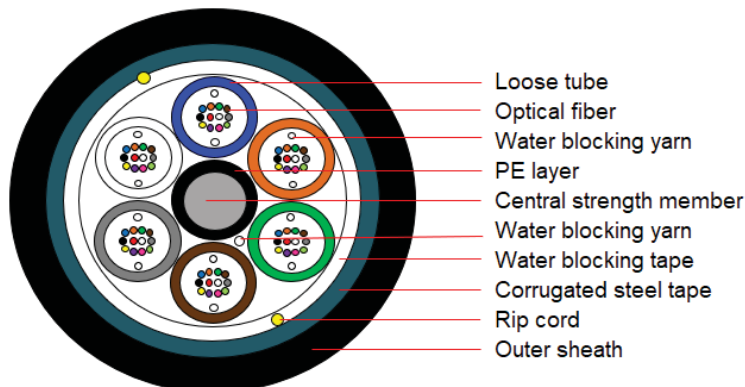


Single Jacket, Single Armored PGYS – All Dry Cable



Cable Description

Loose tubes with water blocking yarn assembled around metallic central strength member; bind with polyester yarns and covered with water blocking tape; steel corrugated armor applied over the core and a PE jacket overall.

Cable Standards

Meeting requirements of standards GR-20-Core, ICEA S-87-640, IEC 60793, IEC 60794

Cable Construction

| Item | Contents | Unit | Value | | | | | |
|-------------------------|-------------------|--------|-------------------------|-------|-------|-------|--------|-----------|
| Fiber count | Number | / | 12/24/48 | 72 | 96 | 144 | 192 | 196 |
| Cable structure | / | / | 1+6 | 1+6 | 1+8 | 1+12 | 1+6+12 | 1+6+12 |
| Fiber No. per tube | Number | / | 12 | 12 | 12 | 12 | 12 | 12/16+4/1 |
| Loose tube | Number | / | 1/2/4 | 6 | 8 | 12 | 16 | 17 |
| Central strength member | Material | / | Steel wire with cushion | | | | | |
| Outer jacket | Nominal thickness | in | 0.067 | 0.067 | 0.067 | 0.067 | 0.067 | 0.067 |
| Cable diameter | ±5% | in | 0.484 | 0.484 | 0.547 | 0.673 | 0.673 | 0.673 |
| Cable weight | ±10% | lb/kft | 95 | 96 | 120 | 167 | 157 | 157 |

Part Number: *-PGYS-LT-SMF

Note: Substitute * for fiber count of 12, 24, 36, 48, 72, 96, 144, 192, or 196

Mechanical & Environmental Performance

| Item | Contents | Value |
|-----------------------|------------------------|---------------------|
| Max. tensile load | Short term | 2700 N |
| | Long term | 800 N |
| Max. crush resistance | Short term | 4400 N/100mm |
| Min. bending radius | Installation | 20 x cable diameter |
| | Operation | 10 x cable diameter |
| Temperature range | Operation | -40°C ~ +70°C |
| | Installation | -30°C ~ +70°C |
| | Storage/transportation | -40°C ~ +75°C |

All values are nominal and subject to correction

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